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Reel #482
Rzhanov, Yes.

L 3375-66 EWT(1)/EPA(s)-2/EWT(m)/EPF(c)/EEG(k)-2/ETC/EWG(π)/EPA(w)-2/T/
EWP(t)/EWP(b)/EWA(h) IJP(c) DS/JD/TT/WW/JG/GS/AT

ACCESSION NR: AT5023101

UR/0000/65/000/000/0261/0264

60
B+1

AUTHOR: Orlina, N. A.; Rzhanova, Ye. S.

TITLE: Thermoelectric convertor with an yttrium-oxide cathode

SOURCE: Problemy bol'shoy metallurgii i fizicheskoy khimii novykh splavov (Problems of large-scale metallurgy and physical chemistry of new alloys); k 100-letiyu so dnya rozhdeniya akademika M. A. Pavlova. Moscow, Izd-vo Nauka, 1965, 261-264

TOPIC TAGS: thermoelectric convertor, yttrium compound, thermionic energy conversion, space charge

ABSTRACT: In connection with the development of the plasma diode as a more efficient heat-to-power convertor, the authors investigated the problem of selecting a cathode that could operate in a thermionic convertor in the temperature range 1400-1800°C. Such a cathode must have a maximally high and stable emission-current density when operating in the static regime, and moreover its work function must be sufficiently high to assure the formation of the number of ions required to neutralize the space charge in inter-electrode space. An yttrium-oxide

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cathode is hence worth considering. In the static regime this cathode gives an emission current of the order of 2 a/cm^2 ; its working (luminance) temperature is 1500°C , and its work function is 2.9 v , assuming Richardson's constant to be $120 \text{ a/cm}^2\text{-deg}^2$. The cathode investigated was of the indirect-heating type, fabricated for another type of lamp, with a nickel anode. Cathode diameter: 5 mm . The nickel anode was at a distance of 0.1 mm from the cathode. A current of 8.75 a , with voltage of 12.0 v , flowed through the tungsten heater of the cathode. The cathode temperature was measured with the aid of an OPIR-09 optical pyrometer and the anode temperature, a chromel-alumel thermocouple. In the presence of the luminance temperature (1500°C) of the cathode, the load-dependence of the anode current, as well as the short-circuit current and the e.m.f. of the element, were measured. It is shown that in theory for an yttrium-oxide cathode at 1900°K the work function is 3.2 v , i.e. it is sufficient to assure the formation of the number of ions required to completely neutralize the space charge in inter-electrode space. The experimental work function, however, is lower, which indicates that the design of this particular cathode, originally designed for a lamp of another type, does not meet the requirements for this task. The calculations presented also show that the characteristics of the convertor can be markedly improved by im-

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proving the cathode design and selecting more appropriate anode materials. Orig.
art. has: 2 figures, 7 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EE

NR REF SOV: 001

OTHER: 003

Card 3/3 *md*

L 8881-66 EWT(m)/EWA(h)

ACC NR: AP6001623

SOURCE CODE: PO/0046/65/010/004/0201/0206

AUTHOR: Borowski, Feliks ⁵³ ~~Borowski, F.~~; Rzany, Henryk ⁵⁵ ~~Rzany, Kh.~~

ORG: [Borowski] ⁵⁵ ~~WAT, Warsaw~~; [Rzany] ⁶⁵ ~~Institute of Nuclear Physics, Cracow (Instytut fizyki jądrowej)~~

TITLE: Slow neutron scattering by CH sub 3 OH and CH sub 3 SH molecules ^{19.55}

SOURCE: Nukleonika, v.10, no.4, 1965, 201-206

TOPIC TAGS: neutron scattering, slow neutron, scattering cross section, methyl alcohol, mercaptan

ABSTRACT: The total neutron scattering cross sections in the thermal energy range were measured for liquid and gaseous methyl alcohol and methyl mercaptan. The results obtained are compared with theory. The authors express thanks to Prof. H. Niewodniczanski ⁵³ for his kind interest as well as to Prof. J. Janik for helpful discussions, to Mr. J. Baran for calculation of the vibration amplitudes in molecules and to the technical personnel of the Institute of Nuclear Physics in Cracow for technical assistance. Orig. art. has: 6 formulas, 2 figures. [NA]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 009
SOV REF: 002

L 47169-66 EWT(1)/EWT(m)/EWP(f)/T-2 JD/VW/WE
 ACC NR: AP6032181 SOURCE CODE: UR/0096/66/000/010/0039/0044
 AUTHOR: Rzhavin, Yu. A. (Engineer); Tunakov, A. P. (Candidate of technical sciences) 62
 ORG: Kazan Aviation Institute (Kazanskiy aviatsionnyy institut) B
 TITLE: Investigation of the effect of variations in the flow-passage dimensions of a single-stage gas turbine
 SOURCE: Teploenergetika, no. 10, 1966, 39-44
 TOPIC TAGS: single stage gas turbine, gas turbine design, gas turbine performance, gas turbine engine, TURBINE DESIGN, GAS TURBINE, FLOW ANALYSIS
 ABSTRACT: In designing a gas turbine, it is often necessary to know how a certain small dimensional change may affect the turbine performance. Therefore, a method is presented for calculating the so called "influence coefficients", which indicate how the change in dimensions of a flow passage area will affect the performance of any single-stage turbine. The calculation is based on the method of small deviations. Further, in the calculations, it is assumed that the flow is of the steady-state type, that flow nonuniformity along the cross section can be neglected, and a mean blading diameter is used. The calculated influence coefficients are tabulated and can be used to rapidly solve various problems encountered in the gasdynamic calculations of a gas turbine. The application of the tables is illustrated with practical examples. Orig. art. has: 18 formulas and 3 tables. [AS]
 SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 004/ ATD PRESS: 5090
 Card 1/1 blg UDC: 621.438.535.6.001.24

KRASIVSKIY, S.P.; MALOV, V.S., doktor tekhn. nauk, retsenzent;
RZHAVINSKIY, V.V., inzh., red.

[Devices and technical means for automatic control] Pri-
bory i tekhnicheskie sredstva avtomatizatsii. Moskva,
Mashinostroenie, 1965. 330 p. (MIRA 18:5)

BURDUN, G.D., doktor tekhn. nauk, prof., red.; AZHAVINSKIY, V.V.,
inzh., red.

[Devices and means for active control of dimensions in
metal cutting] Pribory i sredstva dlia aktivnogo kont-
rolia razmerov na metalloobrabatyvaiushchikh stankakh.
Moskva, Mashinostroenie, 1965. 163 p. (MIRA 18:2)

RZHAVITIN, Vladimir Nikolayevich, prof., doktor biolog.nauk; NAZAROV, S.P.,
spetsial'nyy red.; CHIZHIKOVA, V., tekhn.red.

[Heredity in plants] Nasledstvennos' rastenii. Saransk, Mordovskoe
knizhnoe izd-vo . 157 p. (Saransk. Mordovskii gosudarstvennyi
universitet. Uchenyye zapiski, no.19). (MIRA 16:12)

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RZHANGVA, YE. I.

Timothy Grass

Peculiarities in the development of the "plume" in timothy. Vest. Mosk. un. 7 No. 3,
1952.

9. Monthly List of Russian Accessions, Library of Congress, October, 1952 ~~1953~~ ¹⁹⁵⁵. Unclassified.

Rzhanova, Ye. I.
KUPERMAN, P.M; RZHANOVA, Ye.I; KAPITANOVA, T.A; ZHAKIPOVA, A.P;
LYUBIVAYA, N.S; LYUBIVYY, V.M.

Relation of plant developments to organogenesis of corn inflorescence.
Vest.Mosk.un. no.9:121-133 S '55. (MLRA 9:1)
(Corn (Maize))

USSR / Meadow Cultivation.

L

Abs Jour: Ref Zhur-Biol., No 7, 1958, 29614.

Author : Rzhanova, Ye. I.

Inst : Not given.

Title : Biological Control of the Development and Growth of Perennial Grasses. (Biologicheskii kontrol' za razvitiyem i rostom mnogoletnikh zlakov).

Orig Pub: Nauka i peredov. opyt v s. kh., 1957, 33-35.

Abstract: Consideration is given to the problem of determining at an early period of growth the nature of shoots in the perennial grass stand for the purpose of the proper agricultural utilization of the meadow lands. The proposed method consists of making systematic phenological and microscopic examinations to differentiate the growth cone and the embryonic inflorescence, which makes it possible to determine the type of shoots. When short-

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76

1. RZHANOVA YE.I.
2. USSR (600)
4. Timothy Grass
7. Characteristics in the formation of seed-bearing organs of timothy depending upon the different conditions under which its developmental stages occur.
Bull. MOIP. Utd. biol. 57 no.6, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

RZHANOVA, Ye. S.

B-5

USSR/Crystals.

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18344

Author : Ye. S. Rzhanova.

Inst : Institute of Physics of Academy of Sciences of USSR.

Title : To The Question of The Recombination Mechanism of the Luminescence of Crystal Phosphors.

Orig Pub : Tr. Fiz. in-ta AN SSSR, 1956, 7, 47-105

Abstract : The nature of capture points and the mechanism of accumulation and de-excitation of the light sum of phosphors were investigated. In the result of the investigation of thermo-de-excitation of ZnS-Cu, ZnS-(Cu, Co), ZnS-Mn and ZnS-Ag and of a series of phosphors of the same chemical composition with various activator concentrations (ZnS-Cu, 10^{-2} to 10^{-1}) it was established that there existed a direct connection with the structure of deep levels of localization by the activator. It was shown on the phosphors ZnS-Cu, Zn_2SiO_4 -Mn and CaS-Bi that the

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Rzhanova, E. S.

21
21
Recombination mechanism of luminescence of crystallophosphors. E. S. Rzhanova. *Trudy Fiz. Inst. Akad. Nauk SSSR, Fiz. Inst. im. P. N. Lebedev* 7:43-105 (1958).
The nature of the capturing centers and the mechanism of accumulation and electron emission in the ZnS-Cu,Co and ZnS-Zn phosphors were investigated. On the basis of thermal luminescence of the const.-base phosphors contg. various activators (Eu, Ce, Sm, Cu, Co, Mn, Ag, Zn) and that of a series of phosphors of the same chem. compn. contg. various concns. of the activator, a direct relation between the structure of the capturing levels and the activation centers was detd. When a phosphor excited with a certain wave length was illuminated with a light of the wave length capable of producing a weaker excitation, this weaker excitation caused a faster yield of luminescence than that by natural extinction. The luminescence proceeded until the limiting quantum yield which corresponded to the wave length of the second light was reached. This proves that the action of the excitation light on the accumulation of the quantum yields is limiting in nature. The recombinational mechanism of luminescence of ZnS-Cu,Co phosphor was deduced from the intensification of the luminescence. Electrons ejected during the excitation remained during the entire process of luminescence within a limited vol., which comprises an insignificant portion of the total vol. of the crystal. The possibility of the existence of unimol. scheme of luminescence in ZnS phosphors is excluded by the quantum-mech. theory of semiconductors, which theory, therefore, cannot completely explain the behavior of thermal electrons in these phosphors. 102 references. A. P. Kotloby.

BAGDASAR'YAN, S.M., prof.; IVANOV, B.A.; PREOBRAZHenskAYA, M.M.;
RZHANOVICH, P.K.; SHUR, Ye.I.; SAFONOVA, M.I.; SMIRNOV, Z.,
red.

[Dissertations for the degree of Doctor and Candidate of
Medical Sciences defended from 1951 to 1955] Dissertatsii
na stepen' doktora i kandidata meditsinskikh nauk, za-
shchishchenrye v 1951-1955 gg. Pod red. S.M. Bagdasar'iana.
Moskva. Vol.3. Pt.1. Bibliografiia. 1962. 303 p.

(MIRA 17:1)

1. Akademiya meditsinskikh nauk SSSR. Moscow. Otdel nauch-
noi meditsinskoy informatsii.

RZHARITSYN, A.R.

PHASE I BOOK EXPLOITATION

1035

Moscow. Fiziko-tekhnicheskiy institut

Issledovaniya po mekhanike i prikladnoy matematike (Studies of Mechanics and Applied Mathematics) Moscow, Oborongiz, 1958. 218 p. (Series: Its: Trudy, vyp. 1) 2,400 copies printed.

Ed. (Title page): Sokolovskiy, V.V., Corresponding Member, USSR Academy of Sciences; Ed. (Inside book): Zaytseva, K.Ya., Engineer; Ed. of Publishing House: Kuznetsova, A.G.; Tech. Ed.: Rozhin, V.P.; Managing Ed.: Zaymovskaya, A.S.

PURPOSE: This book contains a collection of scientific articles intended for scientific workers, engineers and senior students in the fields of mechanics and applied mathematics.

COVERAGE: The book contains 14 scientific articles on mechanics and applied mathematics. Seven articles deal with various problems of the mechanics of materials. Problems of elastic, plastic and elastic-plastic deformations of various materials

Card 1/6

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L 07564-67 EWT(m)/EWP(w)/EWP(t)/ETI/EWP(k) IJP(c) JD/WW/EM/GD
 ACC NR: AT6029368 SOURCE CODE: UR/0000/66/000/000/0149/0157
 AUTHOR: Yakovlev, A. P. (Kiev); Kashtalyan, Yu. A. (Kiev); Rzhavin, L. N. (Kiev);
Matveyev, V. V. (Kiev)
 ORG: none 63
B+1
 TITLE: Investigation of the damping properties of some turbine blade materials at
 high temperatures 16
 SOURCE: AN UkrSSR. Institut problem materialovedeniya. Rasseyaniye energii pri
 kolebaniyakh uprugikh sistem (Energy dissipation during vibrations of elastic systems).
 Kiev, Naukova dumka, 1966, 149-157
 TOPIC TAGS: vibration damping, turbine blade, alloy steel
 ABSTRACT: The article presents the results of an investigation of the damping
 properties of alloys Kh17N2, DI-1, and DI-5, which are used for fabrication of
 compressor blades in turbine equipment. The experiments were made with transverse
 vibrations due to pure bending, under conditions of normal and high temperatures (up
 to 523°K). The chemical composition of the experimental materials is given in a
 table. The samples were in the following states: a) the raw material; b) preparation
 by Technique A (heating with forging up to $t = 1423 \pm 50^\circ\text{K}$ with cooling in air;
 subsequent heating with mechanical working up to $t = 1123 \pm 50^\circ\text{K}$ with cooling in air;
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L 07564-67

ACC NR: AT6029368

and, heating to $t = 953^{\circ}\text{K}$, holding for not less than 1 hour, and cooling in air;
 c) preparation by Technique B (heating with forging up to $t = 1423 + 50^{\circ}\text{K}$ with cooling in air, and subsequent heating with mechanical treatment up to $t = 953^{\circ}\text{C}$, holding for not less than 1 hour, cooling in air). The vibrational and heating systems are shown in a figure and experimental results are shown in a series of curves. General conclusions are: 1) out of the three alloys tested in the temperature range up to 523°K , only alloy DI-5 exhibited a large value of the logarithmic damping decrement, exceeding by 4-5 times the value of the decrement for construction steels; 2) treatment of the samples by Techniques A and B lowers considerably the value of the logarithmic damping decrement; 3) the damping capacity of alloys DI-1 and Kh17N2 is much weaker. The magnitude of the logarithmic decrement for these alloys is practically identical, but in its absolute value is much less than for construction carbon steels; 4) thus, from the point of view of damping properties, alloy DI-5 is preferable. Orig. art. has: 1 formula, 5 figures and 1 table.

SUB CODE: 11, 20/ SUBM DATE: 22Feb66/ ORIG REF: 002

10, 21/

Card 2/2 nst

STETSULA, V.I., kand.med.nauk (Sverdlovsk, ul. Dekabristov, d.69-a,
kv.13); ILIZAROV, G.A.; RZHAVINA, V.P.

Regeneration of the bone under conditions of complete and partial
immobilization. Vest.khir. no.4:6-15 '61. (MIRA 14:4)

1. Iz patologofistologicheskoy laboratorii (rukovod. - kand.
med.nauk V.I. Stetsula) Sverdlovskogo nauchno-issledovatel'skogo
instituta travmatologii i ortopedii.

(BONES---DEGENERATION AND REGENERATION)

RZHAVINSKIY, B. A.

6881. Rzhavinskiy, B. A. Ispytaniya ressnogo podveshivaniya rovyshennoy givkosti dlya teleshek gruzovykh vagonov. Sost. B. A. Rzhavinskiy. M., 1954. 25s. s graf.; 1 l. graf. 20 sm. (M-vo transp. Mashinostroyeniya SSSR. Glav: upr. vagonostroyeniya Nauch. — issled. Byuro NIB. tekhn. informatsiya. Vpp. No 3). 300 ekz. Bespl. — Na obl. sost. ne ukazan. — (54-5638zh) 625.2.012

SO: Knizhnaya Letopis' No. 6, 1955

REHAVINSKIY, B.A.

Increasing the strength and operational reliability of freight cars.
Zhel.dor.transp. 46 no.11336-40 N '64. (MIRA 18:1)

1. Zamestitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo
instituta vagonostroyeniya.

RZHAVINSKIY, B.A.; SAFONTSEV, K.A.

What type of six-axle gondola cars? Zhe.dor.transp. 44 no.4:
48-49 Ap '62. (MIRA 15:4)

1. Zamestitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo
instituta vagonostroyeniya (for Rzhavinskiy). 2. Glavnyy
spetsialist po vagonostroyeniyu Gosudarstvennogo komiteta Soveta
Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (for Safontsev).
(Railroads--Freight cars)

SAMOKHOTSKIY, Aleksey Ivanovich; KUNYAVSKIY, Mikhail Naumovich [deceased];
RYBIN, V.V., inzh., red.; MALYSHEV, A.I., inzh., retsenzent;
RZHAVINSKIY, V.V., inzh., red.; MODEL', B.I., tekhn.red.

[Laboratory research on metals] Laboratornye raboty po metallo-
vedeniiu. Pod red. V.V.Rybina. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostr.lit-ry, 1959. 275 p. (MIRA 12:10)
(Metals--Testing) (Metallography)

RZHAVITIN, V.

RZHAVITIN, V.

Wegetatywne krzyzowanie roslin. Warszawa, Panstwowe Wydawn. Rolnicze i Lesne,
1951. 123 p. (Hybridization of plants. Tr. from the Russian).
DA Not in DLC Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

RZHAVITIN, V. N.
USSR/General Biology - Genetics.

B-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 28580

Author : Rzhavitin, V.N.

Inst : -

Title : Use of Deadly Nightshade in Vegetative Hybridization of Tomatoes.

Orig Pub : Uch. zap. Mordovsk. ped. in-ta, 1956, No 3, 114-159

Abstract : A report of USSR and foreign experiments in grafting tomatoes on nightshade; a short characterization of the initial work by the author and the methods of application; the changes obtained by the author the year of grafting, as well as those of the first and second seed generations in a single and double (repeat) grafting of several varieties of tomatoes on deadly nightshade; results of a comparative test on varieties of vegetative hybrids and initial forms are reported. In conclusion 5 vegetative hybrids, obtained by the author, are described.

Card 1/1

16

KOROTKOV, Vasiliy Ivanovich; F.ZHAVINSKIY, V.V., nauchn. red.;
RYSKO, S.Ya., red.

[Standardization trend in the design and adoption of new
machines] Normalizatsionnoe napravlenie v sozdanii i os-
voenii novykh mashin. Moskva, Izd-vo standartov, 1965. 122 p.
(MIRA 18:10)

ALEKIN, Lev Yemel'yanovich; GLADILIN, Anatoliy Nikolayevich; KRASAVIN, Vasiliy Stepanovich; LUNEV, Fedor Andreyevich; MAKAROVA, Vera Ivanovna; RASTORGUYEV, Ivan Sergeyevich; KHRENOV, Aleksey Dmitriyevich; TSEYTLIN, V.Z., kandidat tekhnicheskikh nauk, redaktor, RZHAYINSKIY, V.V., inzhener, redaktor; SHUR, D.S., redaktor; EGGERT, A.P., tekhnicheskii redaktor.

[General technology of metals] Obshchaia tekhnologiya metallov.
Moskva, Vse.uchebno-pedagog.izd-vo Trudrezervizdat, 1956. 327 p.
(Metals)

FROLOV, Aleksey Nikolayevich; RZHAVINSKIY, V.V., inzh., red.;
MODEL', B.I., tekhn.-red.

[Manual for the design of smooth and special calipers]
Rukovodstvo po raschetu gladikih i spetsial'nykh
kalibrov. Moskva, Gos.nauchno-tekhn.izd-vo mashino-
stroit.lit-ry, 1959. 167 p. (MIRA 12:6)
(Calipers)

GELLER, Yu.A., prof., doktor tekhn.nauk, red.; RZHAVINSKIY, V.V., inzh.,
red.; MODEL', B.I., tekhn.red.

[Modern alloys and their heat treatment] Sovremennye splavy i
ikh termicheskaya obrabotka. Pod red. Yu.A. Gellera. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 329 p.
(MIRA 12:2)

1. Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F.Ye.
Dzerzhinskogo.

(Alloys--Heat treatment)

AVRUTIN, Sergey Vladimirovich; RZHAVINSKIY, V.V., red.

[Milling] Frezernoe delo. Izd. 5., perer. i dop. Moskva, Proftekhizdat, 1963. 541 p. (MIRA 17:5)

SEVER'YANOV, Aleksandr Arkad'yevich; LIZHAVINSKIY, V.V., redaktor; SHUR,
D.S., redaktor; KUZ'MIN, D.G., tekhnicheskii redaktor

[A collection of problems and exercises for a general course for
mechanics] Sbornik zadach i uprazhneniy po obshchemu kursu slesarno-
go dela. Izd. 2-oe, perer. i dop. Moskva, Vses. uchebno-pedagog.
izd-vo Trudrezervizdat, 1956. 77 p. (MLRA 9:8)
(Machine-shop practice)

BRUSHETYN, Boris Yefimovich; ~~DEMET'YEV~~, Vladimir Ivanovich; ~~RZHAVINSKIY~~,
V.V., inzhener, redaktor; SHUR, D.S., redaktor; OSTRINOV, R.S.,
tekhnicheskii redaktor

[Turning] Tokarnoe delo. Izd. 4-oe, perer. i dop. Moskva, Vses.
uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 490 p. (MLRA 9:7)
(Turning)

ZAMALIN, V.S., inzhener; STAYEV, K.P., redaktor; RZHAVINSKIY, V.V., redaktor;
KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Multiple-edged cutting tools with hard alloy blades] Mnogolezviinnye
rezhushchie instrumenty s plastinkami tverdykh splavov. Moskva, Vses.
uchebno-pedagog. izd-vo Trudrezervizdat, 1952. 45 p. [Microfilm]
(Cutting tools) (MIRA 9:3)

RZHAYVINSKIY, V.V.

BOLDIN, Lev Andreyevich, kandidat tekhnicheskikh nauk; PRONIKOV, A.S.,
doktor tekhnicheskikh nauk, retsenznet; KUZNETSOV, M.M.,
kandidat tekhnicheskikh nauk, dotsent, retsenezent; SAVVIN, N.V.,
kandidat tekhnicheskikh nauk, dotsent, redaktor; RZHAYVINSKIY, V.V.,
redaktor izdatel'stva; MODEL', B.I., tekhnicheskij redaktor

[Machine tools; problems in operation] Metalloreshushchie stanki;
voprosy ekspluatatsii. Moskva, Gos.machno-tekhn.izd-vo mashino-
stroit.lit-ry, 1957. 259 p. (MLRA 10:7)
(Machine tools)

PESHKOV, Yevgeniy Onisimovich; BRUSHTEYN, B.Ye., kand.tekhn.nauk,
retsenzent; RZHAVINSKIY, V.V., inzh., red.; EL'KIND, V.D.,
tekhn.red.

[Operator of turret lathes] Tokar'-revol'vershchik. Moskva,
Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 190 p.
(MIRA 13:12)

(Turning)

RZHAVINSKIY, V. V.

REZNIKOV, Naum Iosifovich, professor, doktor tekhnicheskikh nauk;
BRUSHTEYN, B. Ya., kandidat tekhnicheskikh nauk, redaktor;
RZHAVINSKIY, V. Y., redaktor izdatel'stva; MATVEYEVA, Ye. N.,
tekhnicheskij redaktor

[Rapid large-feed metal cutting] Skorostnoe rezanie metallov s
bol'shimi podachami. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
stroit. lit-ry, 1957. 135 p. (MLRA 10:8)
(Metal cutting)

Rzhevskiy, V.V.
MALYSHEV, Anatoliy Ivanovich; NIKOLAYEV, Grigoriy Nikolayevich; SHUVALOV, Yuliy Avramovich; ANDRIANOV, I.I., inzhener, retsenzent;
KUNYAVSKIY, M.H., kandidat tekhnicheskoy nauk, redaktor [deceased];
RZHAVINSKIY, V.V., inzhener, redaktor; SHEMSHURINA, Ye.A., redaktor izdatel'stva; SOKOLOVA, T.F., tekhnicheskoy redaktor;
UVAROVA, A.F., tekhnicheskoy redaktor

[Technology of metals] Tekhnologiya metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1957. 371 p.
(Metals) (Metalwork) (MIRA 10:11)
(Metallurgy)

RZHAVINSKIY, V. V.

BOLTUKHIN, A.K.; STERLIN, S.Z.; MUSHTAYEV, A.F.; MOROZOV, I.I.; KUDINOV, V.A.;
MONAKHOV, G.A.; AZAREVICH, G.M.; LAPIDUS, A.S.; PROKOPOVICH, A.Ye.,
redaktor; RZHAVINSKIY, V.V., redaktor izdatel'stva; TIKHANOV, A.Ya.,
tekhnicheskij redaktor

[Modernization of knee and column type milling machines; instructions]
Modernizatsiya konsol'no-frezernykh stankov; rukovodivshchie materialy.
Pod red. A.E.Prokopovicha. Moskva, Gos. nauchno-tekhn.izd-vo mashino-
stroitel'stva, 1957. 194 p. (MLRA 10:8)

1. Moscow. Eksperimental'nyy nauchno-issledovatel'skiy institut
metallorazrabotki stankov
(Milling machines)

RZHEVSKIY, V.V.
 ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P.; BARMASH, A.I.; BEDNYAKOVA,
 A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSHTEYN, S.A.; BITYUTSKOV,
 V.I.; BLYUMENBERG, V.V.; BONCH-BRUYEVICH, M.D.; BORMOTOV, A.D.;
 BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S.,
 [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.;
 GOLDOVSKIY, Ye.M.; GOHBUNOV, P.P.; GORYALNOV, F.A.; GRINBERG, B.G.;
 GRYUNER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased];
 DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S.,
 [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.;
 ZHEREBOV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY,
 S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAFLINSKIY, S.V.;
 KASATKIN, F.S.; KATSAUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV,
 I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.;
 LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu.; LUTTSAU, V.K.;
 MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.;
 NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.;
 POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye., RZHEVSKIY, V.V.; ROZENBERG,
 G.V.; ROZENTRETER, B.A.; ROKOTYAN, Ye.S.; RUKAVISHNIKOV, V.I.;
 RUTOVSKIY, B.N. [deceased]; RYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu.,
 STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.;
 FEDOROV, A.V.; FERRE, N.R.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN,
 M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.;
 SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.B.;
 SHTERLING, S.Z.; SHUTYY, L.R.; SHUKHGAL'TER, L. Ya.; KHVAYS, A.V.;
 (Continued on next card)

ANDREYEV, A.B. (continued) Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BERKEN-
 GEYM, B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor;
 BOLTINSKIY, V.N., retsenzent, redaktor; BONGH-BRUYEVICH, V.L.,
 retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV,
 A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor;
 DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent;
 redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M.
 retsenzent, redaktor; ZHEMOCHKIN, D.N., retsenzent, redaktor;
 SHURAVCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent,
 redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M.,
 retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor;
 MALOV, N.N., retsenzent, redaktor; MARKUS, V.A., retsenzent, redaktor;
 METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent;
 redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A.,
 retsenzent, redaktor; PANYUKOV, N.P., retsenzent, redaktor; PLAKSIN,
 I.N., retsenzent, redaktor; RAKOV, K.A., retsenzent, redaktor;
 RZHAVINSKIY, V.V., retsenzent, redaktor; RINBERG, A.M., retsenzent;
 redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; RUDENKO, K.G.,
 retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent,
 redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B.,
 retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor;
 SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent,
 redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye.,
 retsenzent, redaktor; STRELITSKIY, N.S., retsenzent, redaktor;
 (Continued on next card)

ANDREYEV, A.V., (continued) Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; ZAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTO-PAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGAL'TER, L. Ya, kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDREYEV, A.V. (continued) Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Redaktsionnyi sovet; IU.A.Stepanov i dr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)
(Technology--Dictionaries)

RZHAVITIN, Vladimir Nikolayevich, prof., doktor biolog.nauk;
NIZAROV, S.P., dotsent; KULYGINA, T., red.; POPOVA, M., tekhn.red.

[Vegetative hybridization of plants] Vegetativnaia gibridizatsiia
rastenii. Saransk, Mordovskoe knizhnoe izd-vo, 1960. 316 p.
(Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski,
no.10) (MIRA 14:6)

(Grafting)

ACC NR: AP7001515 (N) SOURCE CODE: UR/0229/66/000/011/0014/0018

AUTHOR: Rzhavskiy, M. I.

ORG: None

TITLE: Noise reduction on serial-produced diesel vessels of the "Zaporozh'ye" type

SOURCE: Sudostroyeniye, no. 11, 1966, 14-18

TOPIC TAGS: diesel engine, marine engineering, acoustic noise, sound transmission, vibration

ABSTRACT: The author discusses the results of tests made in 1963-1965 on the effectiveness of a number of experimental devices designed for reducing noise and acoustic vibration on diesel vessels of the "Zaporozh'ye" type. The effect of engine vibration was reduced by replacing the AKSS-400M engine mounts for the DG-50 diesel with AKSS-400I mounts to reduce the frequency of natural oscillations. Analysis of the results of full-scale tests and theoretical data showed that noise in the engine room may be reduced by installing a housing over the diesel generator to absorb acoustic components on the middle frequencies. The engine room noise problem may also be alleviated by using remote control equipment to reduce the number of man hours spent in the engine room itself. Noise isolation tests using a housing over the engine showed a transmission loss of 4.5-19 db in the 560-4500 cps range with an overall level of 10 db. Noise on the main deck was reduced by using a 35 mm coating of "Neva-3" mastic

UDC: 534.836:629.12

Card 1/2

ACC NR: AP7001515

and by application of concrete to the hull plates near the propellers. A wooden floor was separated from the mastic layer by an air space of 40-120 mm. Full-scale tests showed that the mastic covering on the deck reduces noise in the 70-1000 cps frequency range by 3-6 db in cabins, mess, galley, radio rooms and on the bridge. Application of concrete to the hull plates near the screw reduces noise in crew quarters by 2-6 db in the 70-1600 cps range. Concrete application reduced structural noise in the stern plates by 16-30 db in the 70-9000 cps range with a reduction by 10-16 db outside the region of concrete application. Orig. art. has: 5 figures.

SUB CODE: 13/ SUBM DATE: None/ ORIG REF: 004

Card 2/2

RZHAVSKIY, Yefim L'vovich; POLYANSKIY, O.I., red.; FEDOTOVA, I.G.,
tekhn. red.

[Mechanized cleaning of tanks] Mekhanizatsiia zachistki rezer-
vuarov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-
toplivnoi lit-ry, 1961. 44 p. (MIRA 14:5)
(Tanks--Cleaning) (Petroleum products--Storage)

RZHAVITIN, V.N.

Black nightshade and its utilization. Trudy Bot.inst.Ser.6
no.7:147-148 '59. (MIRA 13:4)

1. Mordovskiy gosudarstvennyy universitet, Saransk.
(Nightshade)

69-58-2 -23/23

AUTHORS: Trapeznikov, A.A.; Belugina, G.V.; Rzhavskaya, F.M.

TITLE: News in Brief. The Effect of the Ratio of Free to Bound Alkali During Precipitation of Aluminum Soaps on Their Thickening Properties (Kratkiye soobshcheniya. Vliyaniye sootnosheniya svobodnoy i svyazannoy shchelochi pri osazhdenii alyuminiyevykh myl na ikh zagushchayushchuyu sposobnost')

PERIODICAL: Kolloidnyy zhurnal, 1958, Vol XX, Nr 2, pp 254-255 (USSR)

ABSTRACT: The composition and the thickening properties of aluminum soaps are determined by the molecular weight and the natural organic radical of the acid, and by the ingredients and preparing conditions of the acid. Among these factors, the ratio of free to bound alkali plays an important role. In this article, the preparation of aluminum soaps from naphthenic acids with a molecular weight of 250 is described. The temperature was 80°C. The free alkali content varied from 25 to 200 %. Figure 1 shows that the best results were obtained with an excess of 75 % of free alkali. There are 2 graphs and 5 references, 3 of which are Soviet, and 2 English.

Card 1/2

69-58-2 -23/23

News in Brief. The Effect of the Ratio of Free to Bound Alkali During
Precipitation of Aluminum Soaps on Their Thickening Properties

ASSOCIATION: Institut fizicheskoy khimii AN SSSR, Moskva (Institute of
Physical Chemistry of the USSR Academy of Sciences, Moscow)
Moskovskiy filial VNIIZh, Moskva (Moscow Branch of the VNIIZh,
Moscow)

SUBMITTED: July 6, 1957

1. Aluminum--Soaps--Composition 2. Aluminum--Soaps--Thickening
properties

Card 2/2

RZHAVSKIY, N.A.

GONCHAROV, S.P.; KITSENKO, V.V.; MARGULIS, A.I.; CHERNYAVSKIY, L.G.;
RZHAVSKIY, N.A., kandidat tekhnicheskikh nauk, redaktor; MARKUS,
M. Ye., inzhener, redaktor; MATVEYEVA, Ye.N., tekhnicheskii
redaktor; SOKOLOVA, T.F., tekhnicheskii redaktor.

[Measurements of strains and stresses; handbook] Izmerenie
napriazhenii i usilii; spravochnoe posobie. Moskva, Gos. nauchno-
tekhn.izd-vo mashinostroit. lit-ry, 1955. 66 p. (MLRA 8:9)
(Strains and stresses)

TAUBE, P.R., kand.khim.nauk; RZHAVSKIY, Ye.L., inzh.

Chemical cleaning of petroleum pipelines. Stroi.truboprov.
4 no.1:25-26 Ja '59. (MIRA 12:1)
(Petroleum--Pipelines) (Pipelines--Cleaning)

RZHAVSKIY, Yefim L'vovich; SUKHODOL'SKIY, Igor' Olegovich; NOVIKOVA,
M.M., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Operation of units for dewatering fuel oils and fuel oil
residues] Opyt ekspluatatsii ustanovki po obezvozhivaniu
mazutov i mazutnykh zachistok. Moskva, Gos.nauchno-tekhn.
izd-vo neft. i gorno-toplivnoi lit-ry, 1958. 37 p.

(MIRA 13:4)

(Petroleum products)

(Petroleum industry--Equipment and supplies)

RZHEGACHKOVA,

CZECHOSLOVAKIA/General Biology - General Ecology and
Hydrobiology.

B-5

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25973

Author : Rzhgachkova

Inst :

Title : The Hydrobiology of 4 Wells in Prague

Orig Pub : Vest. Ceskosl. spolec. zool., 1956, 20, No 2, 162-176

Abst : Four wells in Prague were the objects of investigation. Samples were taken monthly in 1951-1952. Water temperature and chemistry (pH, alkalinity, chloride, ammonia, nitrite, iron, and organic content, total hardness) showed insignificant variations throughout the year. Determinations were made of the number of bacteria of the coliaerogenes group. The fauna and flora in the wells remains qualitatively constant throughout the year, and varies quantitatively but little. Trichodrilus pragensis (Oligochaeta) and Candona eremita (Ostracoda),

Card 1/2

CZECHOSLOVAKIA/General Biology - General Ecology and
Hydrobiology.

B-5

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25973

described by Veydovskiy, were once again found in the
wells. Despite intensive searches, Bathynella natans,
also listed and described by Veydovskiy, was not identified.

Card 2/2

RZHAVITIN, V. N.

Rzhavitin, V. N. "The inheritance and variability of plants," Uchen. zapiski (Ryaz. gos. ped. in-t), Issue 7, 1949, p. 3-96.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

REHAVITIN, V. N.

Rehavitin, V. N. and Silova, T. A. - "Inoculating grasses with germinating seeds," Uchen, sapiski (Ryaz. gos. ped. in-t), Issue 7, 1949, p. 133-34.

SO: U-3736, 21 may 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).

REKAVITIN, V. N.

"The Black Nightshade, *Solanum nigrum* L." Dr Biol Sci, Voronezh
State U, Voronezh, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

RZHAVSKIY, I.

What's new in department store no. 28 of the Moscow Trade
Organization. Nov.torg.tekh. no.3:29-30 '56. (MLRA 9:10)

(Display of merchandise)

RZHAVSKIY, Ye. L.

"Open Flame Operations of Uncleaned Reservoirs Using Inert Gases"
page 166 of the book Petroleum Bases and Pipe Lines, Gostoptekhizdat,
1956.

L 06116-67 EWT(m)
ACC NR: AP6028059

(N) SOURCE CODE: UR/0310/66/000/005/0049/0049

AUTHOR: Rzhavskiy, M. (Engineer)

ORG: none

TITLE: Noise reduction in a ship by coating the planking with concrete in the propeller region

SOURCE: Rechnoy transport, no. 5, 1966, 49

TOPIC TAGS: acoustic noise, ship, concrete, propeller blade, vibration frequency, metal coating ; SHIPBUILDING ENGINEERING

ABSTRACT: The hull planking in the propeller region of the "Chernovtsy" Steamer was coated with concrete for the purpose of studying its effect on noise reduction in ships. The experimental results show that 1) the noise in the air of the ship's cabins decreases by 2-6 db at frequencies of 70-1600 cycles per sec., 2) the greatest noise reduction occurs in cabins at the rear end of the ship, and 3) the concrete coatings eliminate the vibration of the hull's planking in the propeller region. The concrete consists of Portland cement, sand, and gravel in the ratio of 1 : 1.3 : 2.2. The layer of concrete is 60 mm in thickness, 3.1 t in weight, and covers 20.6 m² of the hull's planking in the propeller region. The adhesion of the concrete to the metal planking tested on the "Uzhgorod" Steamer shows that it remains in a monolithic state without any surface cracks. Orig. art. has: 1 figure.

SUB CODE: 13,20/ SUBM DATE: none
Card 1/1

UDC 629.128: 628.517.2

Sov/93-58-7-14/17

AUTHOR: Rzhavskiy, Ye.L.; Sukhodol'skiy, I.O.; and Filippov, M.A.

TITLE: Methods for Greater Mechanization of Storage Tank Cleaning Operations
(Pribi uvelicheniya mekhanizatsii zachistnykh rabot v rezervuarakh)

PERIODICAL: Neftyanoye khozyaystvo, 1958, Nr 7, pp. 64-66 (USSR)

ABSTRACT: The article states that the GOST specifications for vertical steel storage tanks do not provide any standards for rapid tank cleaning systems. Therefore, tank farm operators often employ cleaning methods which endanger the safety of the tanks and workers and violate the fire regulations. The authors present three nonstandard cleaning systems which are generally used without ill effects (Figs. 1-3). They also present a new tank cleaning system with safety locks on the nozzle (Figs. 4-5). The editor invites designers and petroleum workers to communicate their views on the subject of selecting the best tank cleaning system. There are 5 figures.

Card 1/1 1. Storage tanks--Cleaning

RZHAVSKIY, E.L.

V462. MECHANIZED CHEMICAL CLEANING OF TANKS. Taube, P.B.,
Rzhavskii, E.L. and Shavskii, G.S. (Neft. Khoz. (Oil Ind., Moscow), Oct. 1957,
55-58). An illustrated description is given of a scheme in which oil tanks
are cleaned by water at 70-80°C sprayed from a monitor, which is raised and
lowered from a trap door in the roof. MHS-TSh-1 emulsifier is added to the
water. It consists of 2 kg of mustard powder (a waste product from mustard
oil works) 5 kg of soap (for which waste products can be used) and 4 kg of
solid industrial caustic. The emulsion separates on standing, so that the
emulsifier can be used again. (L).

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RZHAVSKIY, M.

Soundproof casing of the diesel generator of an 1800-deadweight-ton motorship. Rech. transp. 23 no.12:25 D '64. (MIRA 18:6)

1. Vedushchiy inzh. nauchno-issledovatel'skogo otdela Proyektno-konstruktorskogo byuro Dneprovskogo parokhodstva.

Rz RZHAVSKIY, Ye.L.
TAUBE, P.R.; RZHAVSKIY, Ye.L.; SHAVSKIY, G.S.

Mechanized chemical cleaning of tanks. Neft.khoz. 35 no.10:55-58
0 '57. (MIRA 11:1)
(Tanks--Cleaning)

RZHAVSKIY, Ye.L.; SUKHODOL'SKIY, I.O.; FILIPPOV, N.A.

Mechanization of oil tank cleaning operations. Neft. khoz. 36
no.7:64-66 J1 '58. (MIRA 11:12)
(Tanks--Cleaning)

RZHAVSKIY, Ye.L.

Thermochemical dehydration of fuel oil in tanks. Neft. khoz.
39 no.12:55-59 D '61. (MIRA 14:12)
(Petroleum as fuel)

RZHAVSKIY, Ye.L.; RABEY, M.L.

Choosing pumping equipment for river ~~tank farms~~. Neft. khoz.
39 no.5:57-59 My '61. (MIRA 14:9)
(Tank vessels) (Pumping machinery)

TUV, I.A.; IOFF, U.M.; RZHAVSKIY, Ye.L.

Using fuel oils with a high water content and fuel oil sludge
as boiler oil. Neft.khoz. 37 no.12:44-49 D '59.

(Fuel oil)

(MIRA 13:5)

RABRY, M.L.; GRIGOR'YEV, V.K.; RZHAVSKIY, Ye.L.

Using ejectors for pumping petroleum and petroleum products with
high vapor pressure. Neft. khoz. 36 no.1:59-63 Ja '58. (MIRA 11:2)
(Oil well pumps)

Subject : USSR/Engineering AID P - 3829
Card 1/1 Pub. 78 - 17/25
Author : Rzhavskiy, Ye. L.
Title : Flame repair work in reservoirs with the use of stack
gases
Periodical : Neft. khoz., v. 33, #11, 83-84, N 1955
Abstract : In order to remove the danger of explosion when flame
repair work (electrical and autogeneous welding) must
be done in oil-product tanks, these tanks after being
emptied are filled with flue gases with an CO_2 content
not below 10%. Diagrams.
Institution : None
Submitted : No date

RZHAVSKIY, Ye.L.

Welding repairs on tanks by the use of exhaust gases. Neft.khoz.
33 no.11:83-84 N 155.
(Tanks--Welding) (MLRA 9:1)

RZHAVSKIY, Yefim L'vovich. Prinimal uchastiye CHIGIRINSKIY,
M.Kh.; inzh.

[Operation of river tank farms] Ekspluatatsiia rechrykh
neftebaz. Moskva, Nedra, 1964. 159 p. (MIRA 17:12)

RZHDANOV, B.

Art-Study and Teaching

"Promoting amateur activity in art by workers and employees." Klub, No. 5. 1952.

Monthly List of Russian Accessions. Library of Congress, August 1952. Unclassified.

Rz hochitskava, G. V.

The identification of esters in the products of the rectification (of alcohol). V. P. Gvozdev and G. V. Reichenko. *Spiritevaya Przemysl*, No. 8, 4-8 (1957). The esters are identified according to a chromatographic method. The ester radical (spot) is developed as nitrophenylate, and the acid radical is caused to form the corresponding hydroxamic acid. This way it was possible to identify in the various fractions of the distill. AcOMe, AcOEt, HCCOEt, EtOAc, butyrate, isomylisovalerate, isomyl acetate, and Et isovalerate.

GRYAZNOV, V.P.; KALUNYANTS, K.A.; RZHECHITSKAYA, G.V.

Increasing the stripping section of the purifying column of
a distillation apparatus. Spirt. prom. 24 no.3:6-10 '58.

(Distillation apparatus)

(MIRA 11:6)

RZHECHITSKAYA, G.V.

Determination of esters in ethyl alcohol. D. N. Klimovskii, V. P. Oryaznov, and G. V. Rzhchitskaya (Moscow Liqueur and Vodka Plant). ~~87 Zhurnal Khim. 20, No. 3,~~

17-18(1954).—To det. esters in crude or refined EtOH dil. 100 cc. with 100 cc. H₂O which does not reduce KMnO₄, then add 40 or 20 ml. 0.1N NaOH, and let stand for 1 hr. with occasional shaking. Then titrate back with 0.1N H₂SO₄ out of contact with CO₂.
Werner Jacobson

W. J.

GRYAZNOV, V.P.; PAKHALOV, A.P.; RZHECHITSKAYA, G.V.

Fractionation of a crude sugar-beet alcohol in intermittent
distillation apparatus. Spirt. prom. 25 no.6:19-22 '59.

(MIRA 12:12)

(Lipetsk--Alcohol) (Distillation, Fractional)

12 Hec k... (40)
GRYAZNOV, V.P.; RZHECHITSKAYA, G.V.

identification of esters in distillation products. Spirt.prom.
23 no.6:4-6 '57.

(MIRA 10:12)

(Chromatographic analysis)

(Alcohol--Anaylsis)

(Esters--Analysis)

GRYAZNOV, V.P.; RZHECHITSKAYA, G.V .

Identification of aldehydes in ethyl alcohol. Izv.vys.ucheb.
zav.; pishch.tekh. no.3:167-169 '59. (MIRA 12:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut spirtovoy
promyshlennosti. Laboratoriya rektifikatsii.
(Ethyl alcohol) (Aldehydes)

GRYAZNOV, V.P.; RZHECHITSKAYA, G.V.

Rectification of alcohol in the processing of a defective starchy
raw material. Trudy TSNIISP no. 8:35-46 '59. (MIRA 14:1)
(Alcohol) (Distillation, Fractional)

PAKHALOV, A.P.; RZHECHITSKAYA, G.V.

Comparative testing of different methods for the return of the
ester-aldehyde fraction to the production. Trudy TSNIISP

no. 8:46-52 '59.

(MIRA 14:1)

(Alcohol)

(Distillation, Fractional)

RZHECHITSKAYA, G.V.

KLIMOVSKIY, D.N.; GRYAZNOV, V.P.; RZHECHITSKAYA, G.V.

Determining ether content in ethyl alcohol. Spirt.prom. 20 no.3:
17-18 '54. (MIRA 7:10)

(Ethyl alcohol) (Ethers)

RENCHITSKY, O. V.

RENCHITSKY, O. V.: "Some changes in the visual analyzer in aphakia and cataracts of old age." L'vov State Medical Inst. Chair of Eye Diseases. L'vov, 1955. (Dissertation for the Degree of Candidate in Medical Sciences).

Source: Kniznaya letovis' No. 28 1956 Moscow

RZhed ZINSKAYA, K. A.

V. Raman spectra of low molecular weight siloxanes. Ya. M. Slobodin, Ya. R. Shuplyakovskii, and K. A. Rzhedzinskaya. *Doklady Akad. Nauk S.S.S.R.* 1957, 163, 681-683.

The following open-chain polysiloxanes were prep'd. and their Raman spectra investigated: hexamethyldisiloxane, $(Me_2Si)_2O$, b. 105° , d_4^{20} 0.7619, n_D^{20} 1.3774; octamethyltrisiloxane, $(Me_2SiO)_3SiMe_3$, b. 163° , d_4^{20} 0.8200, n_D^{20} 1.3840; decamethyltetrasiloxane, $Me_3Si(OSiMe_2)_3OSiMe_3$, b. 194° , d_4^{20} 0.8530, n_D^{20} 1.3895. The polycyclic siloxanes prep'd., and their dispersion studied, were: hexamethylcyclotrisiloxane, $(SiMe_2O)_3$, b. 134° , m. $63-4^\circ$; octamethylcyclotetrasiloxane, $(SiMe_2O)_4$, b. 175° , d_4^{20} 0.9561, n_D^{20} 1.3964; decamethylcyclopentasiloxane, $(SiMe_2O)_5$, b. 210° , d_4^{20} 0.9609, n_D^{20} 1.3979; dodecamethylcyclohexasiloxane, $(SiMe_2O)_6$, b. 246° , d_4^{20} 0.9677, n_D^{20} 1.4018. Two tables are presented, one for the Raman spectra of the open-chain polysiloxanes, the other for the cyclic compds. The hexamethyldisiloxane spectra have been recorded previously in the literature, and the data for it agree with the data found by the present authors. The following general rules apply to all the spectra: The frequencies at about 2900 and 2060 cm^{-1} belong to the C-H valence vibrations in the Me groups; 1400—deformation vibrations in these groups; 1258—the $SiMe_3$ and is larger and of higher intensity than is found in the C-CH₃ group. The 795 frequency is caused by the $Si(CH_3)_2$; 840 and 750 are found only in open chain compounds, and lose in intensity with increasing mol. wt.

W. M. Sternberg

LENKEVICH, M.M., dotsent; DYUDINA, Z.T., kand.med. nauk; DANILKOVA, A.I.;
MIMHALEVA, M.G.; RZHECHITSKAYA, O.V.; kand.med.nauk; GALLYAMOV,
V.A.; KOROTKOVA, L.P.

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AYZENVARG, Yefim Vladimirovich; RZHECHITSKIY, B.D., retsenzent;
ROZENFEL'D, Kh.D., red.; MAKRUSHINA, A.N., red.izd-va;
YERMAKOVA, T.T., tekhn.red.

[Textbook for operators of electric gantry cranes] Uchebnik
dlia kranovshchika portal'nogo elektricheskogo krana. Moskva,
Izd-vo "Rechnoi transport," 1959. 217 p. (MIRA 12:5)
(Cranes, derricks, etc.)

VAL'KOV, Grigoriy Petrovich; KAZANTSEV, A.M., dotsent, kand.tekhn.nauk,
retsenzent; POSTNIKOV, S.A., inzh., retsenzent; RZHECHITSKIY,
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[Organization and mechanization of cargo operations] Organizatsia
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VAL'KOV, Grigoriy Petrovich. Prinimali uchastiye: KAZAKOV, A.P.,
kand. tekhn. nauk, dots.; GNOYAN, A.A., inzh.; MOROZOV,
N.P., inzh.; ARTAMONYCHEV, A.N., kand. tekhn. nauk,
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(Inland water transportation--Management)

AYZENVARG, Khaim Vol'fovich; POSTNIKOV, S.A., inzh., retsenzent;
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inzh., red.; KAN, P.M., red.

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no.148:3-5 '56. (MLRA 10:5)
(Pipelines--Welding)

RZHECHITSKIY, E. K.

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Laying asbestos-cement pipes in units of two. [Suggested by N.N. Kudriavtsev, E.K. Rzechitskii]. Rats.i izobr.predl.v stroi. no.148: 6-7 '56. (MLRA 10:5)

(Pipe, Asbestos-cement)

GRYAZNOV, V.P.; BOGDANOV, Yu.P.; RZHECHITSKAYA, G.V.; TERNOVSKIY, N.S.;
GRACHEV, B.K. [deceased] MERKIN, V.G.; POLEVAYA, K.G.;
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Czechoslovakia / Zooparasitology - Mites and Insects - G-4
Disease Vectors

Abs Jour: Referat. Zh. Biol., No. 1, 1958

Author : Rzhagachek

Title : Artificially Produced Deformities in Ticks

Orig Pub: Zool. listy, 1957, 6, No. 1, 39-40

Abstract: No abstract.

Card 1/1

CHUMAKOV, M.P.; KARPOVICH, L.G.; SARMAKOVA, Ye.S.; SERGEYEVA, G.I.;
BYCHKOVA, M.V.; TAPUPERE, V.O.; LIBIKOVA, Ye.O.; Mayyer, V.;
RZHEGACHEK, R. [Rehacek, R.]; KOZHUKH, O. [Kozuch, O.]; ERNEK, E.

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(VIRUSES) (ENCEPHALITIS--MICROBIOLOGY)

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1. Iz 2-y khirurgicheskoy kliniki pri Universitete imeni Karla IV
v Praze, glavnyy vrach akad. Irzhi Divish.
(HYPERTHYROIDISM, surg.
preop.care & follow-up)
(PREOPERATIVE CARE, in various dis.
hyperthyroidism)